

**WEST**

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## Search Results -

Terms	Documents
L1 and (ground or signal) with tip	34

Database:

US Patents Full-Text Database  
US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

09/725,646  
Examiner: T.R. Sundhara

Search:

L3

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## Search History

DATE: Friday, April 05, 2002 [Printable Copy](#) [Create Case](#)

Set Name Query  
side by side

Hit Count Set Name  
result set

DB=USPT; PLUR=YES; OP=OR

<u>L3</u>	L1 and (ground or signal) with tip	34	<u>L3</u>
<u>L2</u>	L1 and test near (head or fixture)	10	<u>L2</u>
<u>L1</u>	(microwave or high with frequency) near probe	255	<u>L1</u>

END OF SEARCH HISTORY

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## Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 6366104 B2

L2: Entry 1 of 10

File: USPT

Apr 2, 2002

US-PAT-NO: 6366104

DOCUMENT-IDENTIFIER: US 6366104 B2

TITLE: Microwave probe for surface mount and hybrid assemblies

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 6049219 A

L2: Entry 2 of 10

File: USPT

Apr 11, 2000

US-PAT-NO: 6049219

DOCUMENT-IDENTIFIER: US 6049219 A

TITLE: Signal probing of microwave integrated circuit internal nodes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 6026286 A

L2: Entry 3 of 10

File: USPT

Feb 15, 2000

US-PAT-NO: 6026286

DOCUMENT-IDENTIFIER: US 6026286 A

TITLE: RF amplifier, RF mixer and RF receiver

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 4. Document ID: US 5854559 A

L2: Entry 4 of 10

File: USPT

Dec 29, 1998

US-PAT-NO: 5854559

DOCUMENT-IDENTIFIER: US 5854559 A

TITLE: Method and apparatus for testing microwave devices and circuits in a controlled environment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

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☐ 5. Document ID: US 5583445 A

L2: Entry 5 of 10

File: USPT

Dec 10, 1996

US-PAT-NO: 5583445

DOCUMENT-IDENTIFIER: US 5583445 A

TITLE: Opto-electronic membrane probe

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 6. Document ID: US 5477137 A

L2: Entry 6 of 10

File: USPT

Dec 19, 1995

US-PAT-NO: 5477137

DOCUMENT-IDENTIFIER: US 5477137 A

TITLE: Probeable substrate substitute for a calibration standard and test fixture

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 7. Document ID: US 5351001 A

L2: Entry 7 of 10

File: USPT

Sep 27, 1994

US-PAT-NO: 5351001

DOCUMENT-IDENTIFIER: US 5351001 A

TITLE: Microwave component test method and apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 8. Document ID: US 5212395 A

L2: Entry 8 of 10

File: USPT

May 18, 1993

US-PAT-NO: 5212395

DOCUMENT-IDENTIFIER: US 5212395 A

TITLE: P-I-N photodiodes with transparent conductive contacts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 9. Document ID: US 5142224 A

L2: Entry 9 of 10

File: USPT

Aug 25, 1992

US-PAT-NO: 5142224

DOCUMENT-IDENTIFIER: US 5142224 A

TITLE: Non-destructive semiconductor wafer probing system using laser pulses to generate and detect millimeter wave signals

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 10. Document ID: US 4686463 A

L2: Entry 10 of 10

File: USPT

Aug 11, 1987

US-PAT-NO: 4686463

DOCUMENT-IDENTIFIER: US 4686463 A

TITLE: Microwave probe fixture

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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Terms	Documents
L1 and test near (head or fixture)	10

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 34 returned.**☐ 1. Document ID: US 6310483 B1

L3: Entry 1 of 34

File: USPT

Oct 30, 2001

US-PAT-NO: 6310483

DOCUMENT-IDENTIFIER: US 6310483 B1

TITLE: Longitudinal type high frequency probe for narrow pitched electrodes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KVMC](#)☐ 2. Document ID: US 6281691 B1

L3: Entry 2 of 34

File: USPT

Aug 28, 2001

US-PAT-NO: 6281691

DOCUMENT-IDENTIFIER: US 6281691 B1

TITLE: Tip portion structure of high-frequency probe and method for fabrication probe tip portion composed by coaxial cable

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KVMC](#)☐ 3. Document ID: US 6136020 A

L3: Entry 3 of 34

File: USPT

Oct 24, 2000

US-PAT-NO: 6136020

DOCUMENT-IDENTIFIER: US 6136020 A

TITLE: Treatment for prostatitis and apparatus therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KVMC](#)☐ 4. Document ID: US 6049219 A

L3: Entry 4 of 34

File: USPT

Apr 11, 2000

US-PAT-NO: 6049219

DOCUMENT-IDENTIFIER: US 6049219 A

TITLE: Signal probing of microwave integrated circuit internal nodes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 5. Document ID: US 5959460 A

L3: Entry 5 of 34

File: USPT

Sep 28, 1999

US-PAT-NO: 5959460

DOCUMENT-IDENTIFIER: US 5959460 A

TITLE: High frequency stripline blade probe device and method of probing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 6. Document ID: US 5880360 A

L3: Entry 6 of 34

File: USPT

Mar 9, 1999

US-PAT-NO: 5880360

DOCUMENT-IDENTIFIER: US 5880360 A

TITLE: Method for imaging liquid and dielectric materials with scanning polarization force microscopy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 7. Document ID: US 5821410 A

L3: Entry 7 of 34

File: USPT

Oct 13, 1998

US-PAT-NO: 5821410

DOCUMENT-IDENTIFIER: US 5821410 A

TITLE: Scanning tip microwave near field microscope

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 8. Document ID: US 5744704 A

L3: Entry 8 of 34

File: USPT

Apr 28, 1998

US-PAT-NO: 5744704

DOCUMENT-IDENTIFIER: US 5744704 A

TITLE: Apparatus for imaging liquid and dielectric materials with scanning polarization force microscopy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 9. Document ID: US 5619035 A

L3: Entry 9 of 34

File: USPT

Apr 8, 1997

US-PAT-NO: 5619035

DOCUMENT-IDENTIFIER: US 5619035 A

TITLE: System for analyzing surfaces of samples

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 10. Document ID: US 5565788 A

L3: Entry 10 of 34

File: USPT

Oct 15, 1996

US-PAT-NO: 5565788

DOCUMENT-IDENTIFIER: US 5565788 A

TITLE: Coaxial wafer probe with tip shielding

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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Terms	Documents
L1 and (ground or signal) with tip	34

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L3: Entry 11 of 34

File: USPT

Apr 16, 1996

US-PAT-NO: 5508630

DOCUMENT-IDENTIFIER: US 5508630 A

TITLE: Probe having a power detector for use with microwave or millimeter wave device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 12. Document ID: US 5504366 A

L3: Entry 12 of 34

File: USPT

Apr 2, 1996

US-PAT-NO: 5504366

DOCUMENT-IDENTIFIER: US 5504366 A

TITLE: System for analyzing surfaces of samples

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 13. Document ID: US 5488305 A

L3: Entry 13 of 34

File: USPT

Jan 30, 1996

US-PAT-NO: 5488305

DOCUMENT-IDENTIFIER: US 5488305 A

TITLE: System and method for high-speed potentiometry using scanning probe microscope

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 14. Document ID: US 5486770 A

L3: Entry 14 of 34

File: USPT

Jan 23, 1996

US-PAT-NO: 5486770

DOCUMENT-IDENTIFIER: US 5486770 A

TITLE: High frequency wafer probe apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 15. Document ID: US 5381101 A

L3: Entry 15 of 34

File: USPT

Jan 10, 1995

US-PAT-NO: 5381101

DOCUMENT-IDENTIFIER: US 5381101 A

TITLE: System and method of measuring high-speed electrical waveforms using force microscopy and offset sampling frequencies

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 16. Document ID: US 5264788 A

L3: Entry 16 of 34

File: USPT

Nov 23, 1993

US-PAT-NO: 5264788

DOCUMENT-IDENTIFIER: US 5264788 A

TITLE: Adjustable strap implemented return line for a probe station

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 17. Document ID: US 5225796 A

L3: Entry 17 of 34

File: USPT

Jul 6, 1993

US-PAT-NO: 5225796

DOCUMENT-IDENTIFIER: US 5225796 A

TITLE: Coplanar transmission structure having spurious mode suppression

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 18. Document ID: US 5159262 A

L3: Entry 18 of 34

File: USPT

Oct 27, 1992

US-PAT-NO: 5159262

DOCUMENT-IDENTIFIER: US 5159262 A

TITLE: Method for measuring the electrical and optical performance of on-wafer microwave devices

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 19. Document ID: US 5045781 A

L3: Entry 19 of 34

File: USPT

Sep 3, 1991

US-PAT-NO: 5045781

DOCUMENT-IDENTIFIER: US 5045781 A

TITLE: High-frequency active probe having replaceable contact needles

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 20. Document ID: US 5006793 A

L3: Entry 20 of 34

File: USPT

Apr 9, 1991

US-PAT-NO: 5006793

DOCUMENT-IDENTIFIER: US 5006793 A

TITLE: High-frequency active probe having replaceable contact needles

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWC

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Terms	Documents
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L3: Entry 21 of 34

File: USPT

Feb 19, 1991

US-PAT-NO: 4994737

DOCUMENT-IDENTIFIER: US 4994737 A

TITLE: System for facilitating planar probe measurements of high-speed interconnect structures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 22. Document ID: US 4929885 A

L3: Entry 22 of 34

File: USPT

May 29, 1990

US-PAT-NO: 4929885

DOCUMENT-IDENTIFIER: US 4929885 A

TITLE: Apparatus for measuring ground moisture content of soil

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 23. Document ID: US 4891577 A

L3: Entry 23 of 34

File: USPT

Jan 2, 1990

US-PAT-NO: 4891577

DOCUMENT-IDENTIFIER: US 4891577 A

TITLE: Apparatus for measuring noise characteristics

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 24. Document ID: US 4758841 A

L3: Entry 24 of 34

File: USPT

Jul 19, 1988

US-PAT-NO: 4758841

DOCUMENT-IDENTIFIER: US 4758841 A

TITLE: Polarized signal receiver probe

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 25. Document ID: US 4686463 A

L3: Entry 25 of 34

File: USPT

Aug 11, 1987

US-PAT-NO: 4686463

DOCUMENT-IDENTIFIER: US 4686463 A

TITLE: Microwave probe fixture

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 26. Document ID: US 4547643 A

L3: Entry 26 of 34

File: USPT

Oct 15, 1985

US-PAT-NO: 4547643

DOCUMENT-IDENTIFIER: US 4547643 A

TITLE: Temperature sensing probe for microwave oven application

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 27. Document ID: US 4544880 A

L3: Entry 27 of 34

File: USPT

Oct 1, 1985

US-PAT-NO: 4544880

DOCUMENT-IDENTIFIER: US 4544880 A

TITLE: Microwave probe for measurement of dielectric constants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 28. Document ID: US 4543823 A

L3: Entry 28 of 34

File: USPT

Oct 1, 1985

US-PAT-NO: 4543823

DOCUMENT-IDENTIFIER: US 4543823 A

TITLE: Microwave probe for detecting oil level

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 29. Document ID: US 4503384 A

L3: Entry 29 of 34

File: USPT

Mar 5, 1985

US-PAT-NO: 4503384

DOCUMENT-IDENTIFIER: US 4503384 A

TITLE: Microwave probe for measurement of dielectric constants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 30. Document ID: US 4384819 A

L3: Entry 30 of 34

File: USPT

May 24, 1983

US-PAT-NO: 4384819

DOCUMENT-IDENTIFIER: US 4384819 A

TITLE: Proximity sensing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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L3: Entry 31 of 34

File: USPT

Oct 27, 1981

US-PAT-NO: 4297557

DOCUMENT-IDENTIFIER: US 4297557 A

TITLE: Microwave oven temperature indicator and control means

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KVMC</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>									

☐ 32. Document ID: US 4204186 A

L3: Entry 32 of 34

File: USPT

May 20, 1980

US-PAT-NO: 4204186

DOCUMENT-IDENTIFIER: US 4204186 A

TITLE: Temperature probe

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KVMC</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>									

☐ 33. Document ID: US 3610933 A

L3: Entry 33 of 34

File: USPT

Oct 5, 1971

US-PAT-NO: 3610933

DOCUMENT-IDENTIFIER: US 3610933 A

TITLE: COUPLING DEVICE FOR TRANSMITTING ELECTROMAGNETIC ENERGY FROM FLOOR COVERING

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KVMC</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>									

☐ 34. Document ID: US 3585338 A

L3: Entry 34 of 34

File: USPT

Jun 15, 1971

US-PAT-NO: 3585338

DOCUMENT-IDENTIFIER: US 3585338 A

TITLE: THIN FILM HYBRID CIRCUIT RESISTOR TRIMMER

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

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Terms	Documents
L1 and (ground or signal) with tip	34

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